

Amendments to the Specification:

Please delete the paragraph on page 10, lines 10-13, and replace it with the following paragraph:

FIG. 1A and 1B is a schematic representation showing contiguous oligonucleotides of the invention targeted to various functional regions of the HBV ayw sequence from nt 1786-2328 (SEQ ID NO: 57);

Please delete the paragraph on page 10, lines 21-23, and replace it with the following paragraph:

FIG. 3 is a schematic representation showing the sequence and two-dimensional structure of the epsilon region (SEQ ID NO: 78);

Please delete the Table 1 on page 16, and replace it with the following Table:



TABLE 1

OLIGO	Sequence (5' → 3')	Position	Chemistry	SEQ	ID	NO:
HBV49 ^a	GGTGCAGACCAATTATG	1790-1809	DNA PS		1	
HBV45 ^a	CATGGTCTGGTGCAGA	1799-1818	DNA PS		2	
HBV44 ^a	AAAAAAGTGCATGGTCTG	1809-1828	DNA PS		3	
HBV48 ^a	GAGGTAAAAAGTGCATGG	1814-1833	DNA PS		4	
HBV47 ^a	AGGCAGAGGTGAAAAGTTG	1819-1838	DNA PS		5	
HBV72 ^a	AGGCAGAGGTGA	1827-1838	DNA PS		6	
HBV43 ^a	AGAGATGATTAGGCAGAGGT	1829-1848	DNA PS		7	
HBV43M ^a	<u>AGAGAUGAUUAGGCAGAGGT</u>	1829-1848	<u>2'-OMe PS/DNA PS</u>	7	<u>58</u>	
HBV88 ^b	GACATGAACAAAGAGATGATTAGGCAGAGGT	1829-1858	DNA PS		8	
HBV88M ^b	<u>GACAUAGAACAGAGAUUAGGCAGAGGT</u>	1829-1858	<u>2'-OMe PS/DNA PS</u>	8	<u>59</u>	
HBV46 ^c	GACATGTACAAGAGATGATT	1839-1858	DNA PS		9	
HBV46Y ^b	GACATGAACAAAGAGATGATT	1839-1858	DNA PS		9	<u>60</u>
HBV46MY ^b	<u>GACAUAGAACAGAGAUU</u>	1839-1858	<u>2'-OMe PS</u>	9	<u>61</u>	
HBV1 ^b	GTAGGACATGAACAAAGAGAT	1843-1862	DNA PS		10	
HBV2 ^b	TTGGAGGCTGAAACAGTAGG	1858-1877	DNA PS		11	
HBV5 ^a	CACAGCTTGGAGGCTTGAAC	1864-1883	DNA PS		12	
HBV3 ^a	AGCCACCCAAGGCACAGCTT	1876-1895	DNA PS		13	
HBV4 ^b	TCGATGTCCATGCCCAAAG	1894-1913	DNA PS		14	
HBV92 ^b	TAAGGGTCGATGCCATGCC	1900-1919	DNA PS		15	
HBV92M ^b	<u>TAAGGGTCGAUGUCCAU</u>	1900-1919	<u>2'-OMe PS/DNA PS</u>	15	<u>62</u>	
HBV92M2 ^b	<u>TAAGGGUCGAUGUCCATGCC</u>	1900-1919	<u>2'-OMe PS/DNA PS</u>	15	<u>63</u>	
HBV101 ^b	TTATAAGGTCGATGTCCAT	1903-1922	DNA PS		16	
HBV101M ^b	<u>TTATAAGGTCGAUGUCCAU</u>	1903-1922	<u>2'-OMe PS/DNA PS</u>	16	<u>64</u>	
HBV94 ^b	AAATTCTTATAAGGGTCATGTCCAT	1903-1929	DNA PS		17	
HBV71 ^b	TATAAGGGTCGA	1910-1921	DNA PS		18	
HBV93 ^b	AAATTCTTATAAGGGTCGA	1910-1929	DNA PS		19	
HBV93M ^b	<u>AAATTCTTATAAGGUUCGA</u>	1910-1929	<u>2'-OMe PS/DNA PS</u>	19	<u>65</u>	
HBV61 ^b	GTATCTAGAAGATCTCGTAC	1981-2000	DNA PS		20	
HBV60 ^c	GCGGTCTAGAAGATCTCG	1984-2003	DNA PS		21	
HBV60Y ^b	GCGGTATCTAGAAGATCTCG	1984-2003	DNA PS		21	<u>66</u>
HBV57 ^c	GAGGCCTGCTAGGAGATC	1987-2006	DNA PS		22	
HBV57Y ^b	GAGGCCTGATCTAGAAGATC	1987-2006	DNA PS		22	<u>67</u>
HBV42 ^c	GAAGCTGAGGCCTGCTAGG	1992-2011	DNA PS		23	
HBV42Y ^b	GAGCTGAGGCCTATCTAGA	1992-2011	DNA PS		23	<u>68</u>
HBV54 ^b	ATACAGAGCTGAGGCCTAT	1997-2016	DNA PS		24	
HBV55 ^b	TCCCGATACAGAGCTGAGGC	2002-2021	DNA PS		25	
HBV56 ^b	AGGCTTCCCGATACAGAGCT	2007-2026	DNA PS		26	
HBV53 ^b	ACAATGCTCAGGAGACTCTA	2027-2046	DNA PS		27	
HBV41 ^c	GCAGTATGGTGAGGTGAGCA	2044-2063	DNA PS		28	
HBV41Y ^b	GCAGTATGGTGAGGTGAACA	2044-2063	DNA PS		28	<u>69</u>
HBV51 ^a	GAGTCAGTATGGTGAGGTG	2048-2067	DNA PS		29	
HBV50 ^a	TGCCTGAGTGCAGTATGGTG	2053-2072	DNA PS		30	
HBV52 ^b	TTGCTTGCCCTGAGTCAGTA	2058-2077	DNA PS		31	
HBVpol-1	GGCATTTGGTGGTCTATAAG	2294-2314	DNA PS		42	
HBVpol-2	GATAGGGGCATTTGGTGGTC	2300-2319	DNA PS		43	
HBVpol-3	TGTTGATAGGATAGGGCAT	2309-2328	DNA PS		44	
HBV6	ACCCAAGGCACAGCTGGAG	1872-1891	DNA PS		45	
HBVpol-A ^b	GAcAGGGGCATTTGGTGGTC	2300-2319	DNA PS		46	
HBVpol-B ^b	GATAGGGGCATTTGGTGGTC	2300-2319	DNA PS		47	
HBVpol-C ^b	GATAGGGGCATTTGGTGC	2300-2319	DNA PS		48	
HBVpol-D ^b	GAcAGGGGCATTTGGTGC	2300-2319	DNA PS		49	
HBV69	TAAGGGTCGA	1910-1919	DNA PS		53	
HBV73	AGGCAGAGGT	1829-1838	DNA PS		54	

^a - target strain = ayw and adw^b - target strain = ayw^c - target strain = adw

underscoring = 2'-OMe RNA PS

N = PS DNA; lower case letters indicate mismatched nucleotides

Please delete the Table 2 on page 17, and replace it with the following Table:

TABLE 2

Oligo	Sequence (5' → 3')	Site 1 (5')	Site 2 (3')	SEQ ID NO:
HBV-19 ^b	TAAGGGTCGAAGAGATGATT	1839-1848	1910-1919	32
HBV-64 ^b	AGAGATGATT TA AGGGTCGA	1839-1848	1910-1919	33
HBV-64M1 ^b	AGAGATGATT <u>UAAGGGUCGA</u>	1839-1848	1910-1919	33 70
HBV-64M2 ^b	<u>AG</u> AGATGATT TA AGGGUCGA	1839-1848	1910-1919	33 71
HBV-68 ^b	TAAGGGTCGAAGGCAGAGGT	1829-1838	1910-1919	34
HBV-66 ^b	AGGCAGAGGTTAAGGGTCGA	1829-1838	1910-1919	35
HBV-79 ^b	TATAAGGGTCGAAGGCAGAGGTGA	1827-1838	1910-1921	36
HBV-67 ^b	AGGCAGAGGTGATATAAGGGTCGA	1827-1838	1910-1921	37
HBV-67M1 ^b	AGGCAGAGGTGA <u>UAAGGGUCGA</u>	1827-1838	1910-1921	37 72
HBV-67M2 ^b	<u>AG</u> GCAGAGGUGATATAAGGGTCGA	1827-1838	1910-1921	37 73
HBV-87 ^b	AGAGATGATTAGGCAGAGGTTAAGGGTCGA	1829-1848	1910-1921	38
HBV-87M ^b	<u>AG</u> AGAUGAUUAGGCAGAGGTTAAGGGTCGA	1829-1848	1910-1921	38 74
HBV-89 ^b	GACATGAACAAGAGATGATT TA AGGGTCGA	1839-1858	1910-1921	39
HBV-89M ^b	GACAUGAACAAAGAGAUGAUUTAAGGGTCGA	1839-1858	1910-1921	39 75
HBV-90 ^b	AGAGATGATT TA AGGGTCGATGTCCATGCC	1839-1848	1900-1919	40
HBV-90M ^b	<u>AG</u> AGAUGAUUTAAGGGTCGA <u>UG</u> UCCAUGCC	1839-1848	1900-1919	40 76
HBV-91 ^b	AGGCAGAGGTTAAGGGTCGATGTCCATGCC	1829-1838	1900-1919	41
HBV-91M ^b	AGGCAGAGGTTAAGGGTCGA <u>UG</u> UCCAUGCC	1829-1838	1900-1919	41 77

^a target strain = ayw and adw

^b target strain = ayw

^c target strain = adw

underscoring = 2'-OMe RNA PS

N = PS DNA